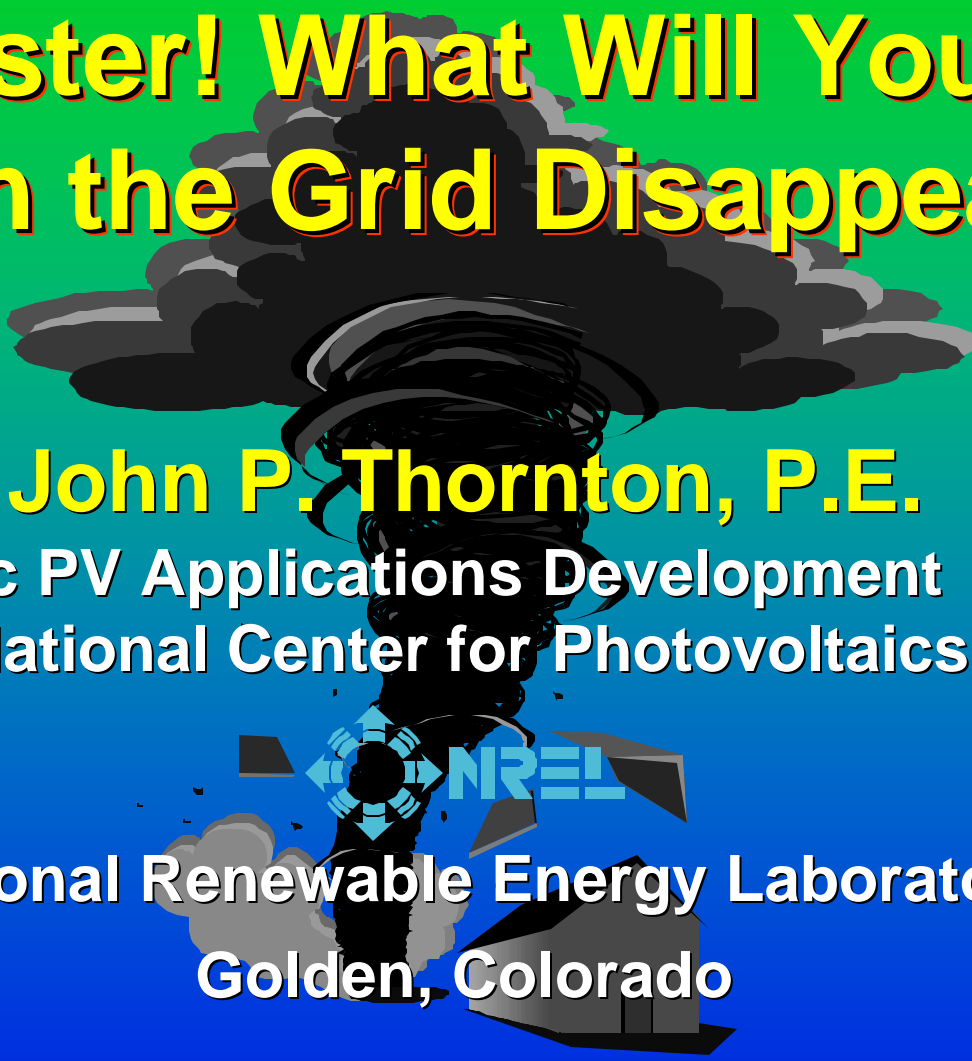


Disaster! What Will You Do When the Grid Disappears?

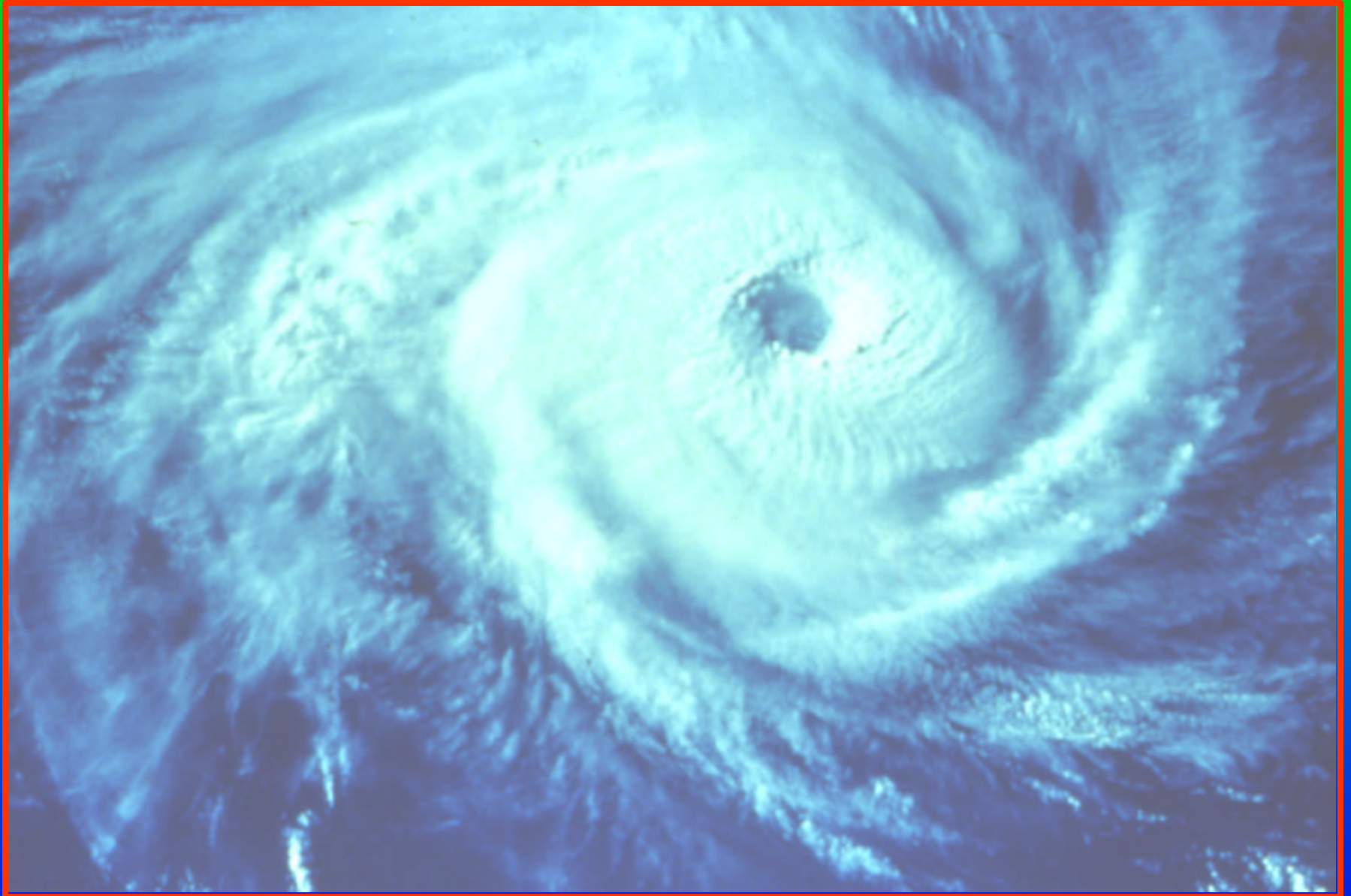


John P. Thornton, P.E.

Domestic PV Applications Development Project
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PSEUDO CRISIS



The Denver Post / Barry Storer

Members of the National Medical Response Team carry a 'victim' on a stretcher to a decontamination unit on Bank Street, Sunday to practice responding to an act of terrorism.

Agencies stage mock emergency

by Katherine Vogt
Special to The Denver Post

It looked like a bomb had gone off at the state capitol Sunday afternoon.

Dozens of people, many of them covered with blood, were being carried on stretchers, stripped of their clothing and sprayed with a decontamination fluid in front of the building in Civic Center Park.

A swarm of police officers, paramedics and firefighters had responded to the scene with fire trucks, ambulances and even a Flight for Life helicopter to treat the victims and get them to the hospital.

In reality, though, there was no crisis

for alarm. The whole thing was an exercise, in which state and local agencies joined forces to practice their response to an act of terrorism with a chemical weapon.

"This team is capable of doing this for real," said Dr. Charles Goldstein, unit commander of the Colorado National Medical Response Team.

During the exercise, which took about three hours, rescuers from state, local and federal agencies "treated" about 30 pretend victims. The agencies included the Denver police and fire departments, the Federal Environmental Protection Agency and the U.S. Public Health Service.

vice.

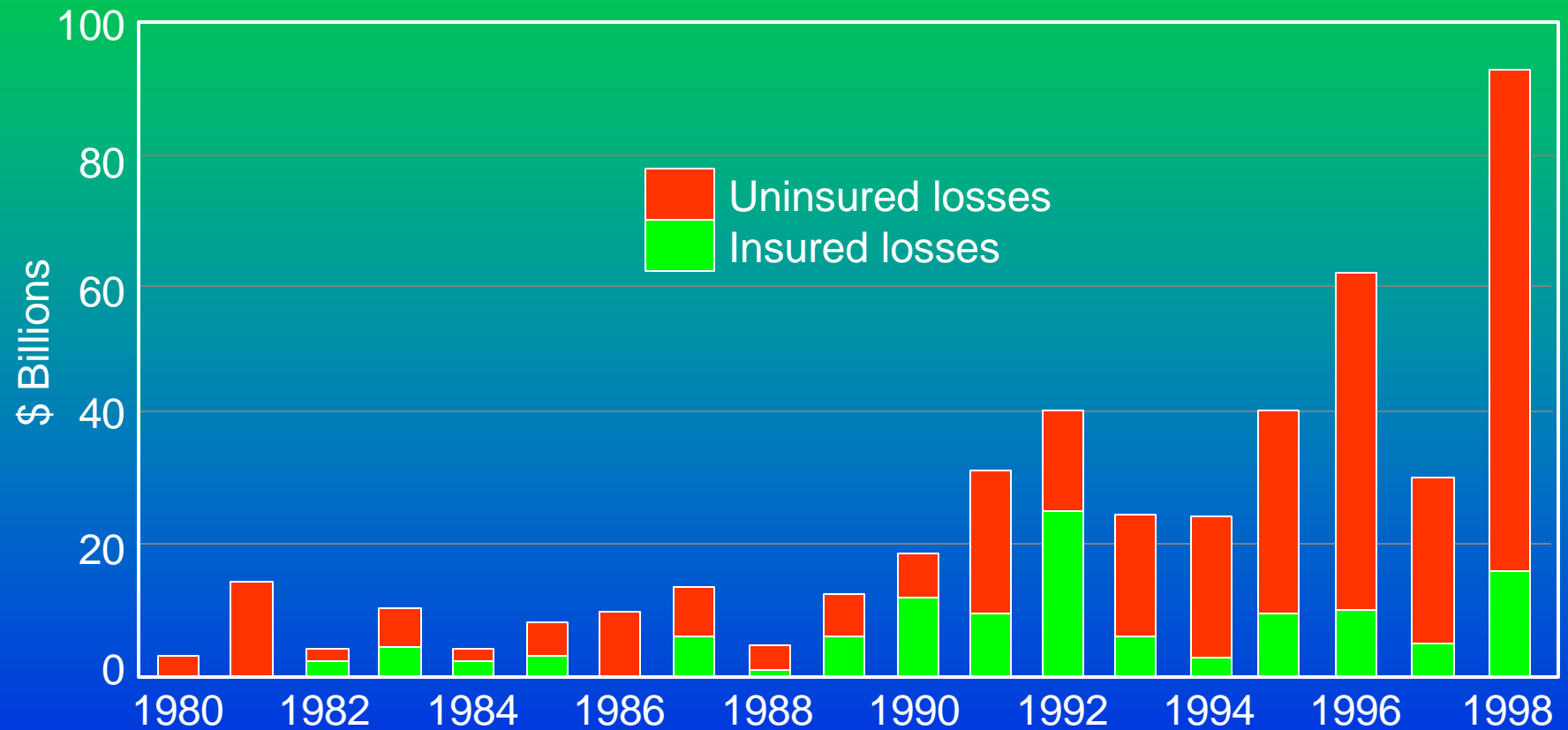
Rescue crews, most of them in protective suits, worked together to quickly get victims decontaminated and provide them with medical care.

Victims, painted with fake blood, were asked to strip off their clothes and go into a tent with showers. Those injured critically were placed on a table and hosed off with decontamination solution. Then local ambulance or helicopter crews stepped in to prepare the patients for transportation to the hospital.

All the while, members from the EPA were on hand to assess what biological

Denver Post PHOTO BY BARRY STORER

Worldwide Property Losses Due to Extreme Weather Events



Source: Munich Re

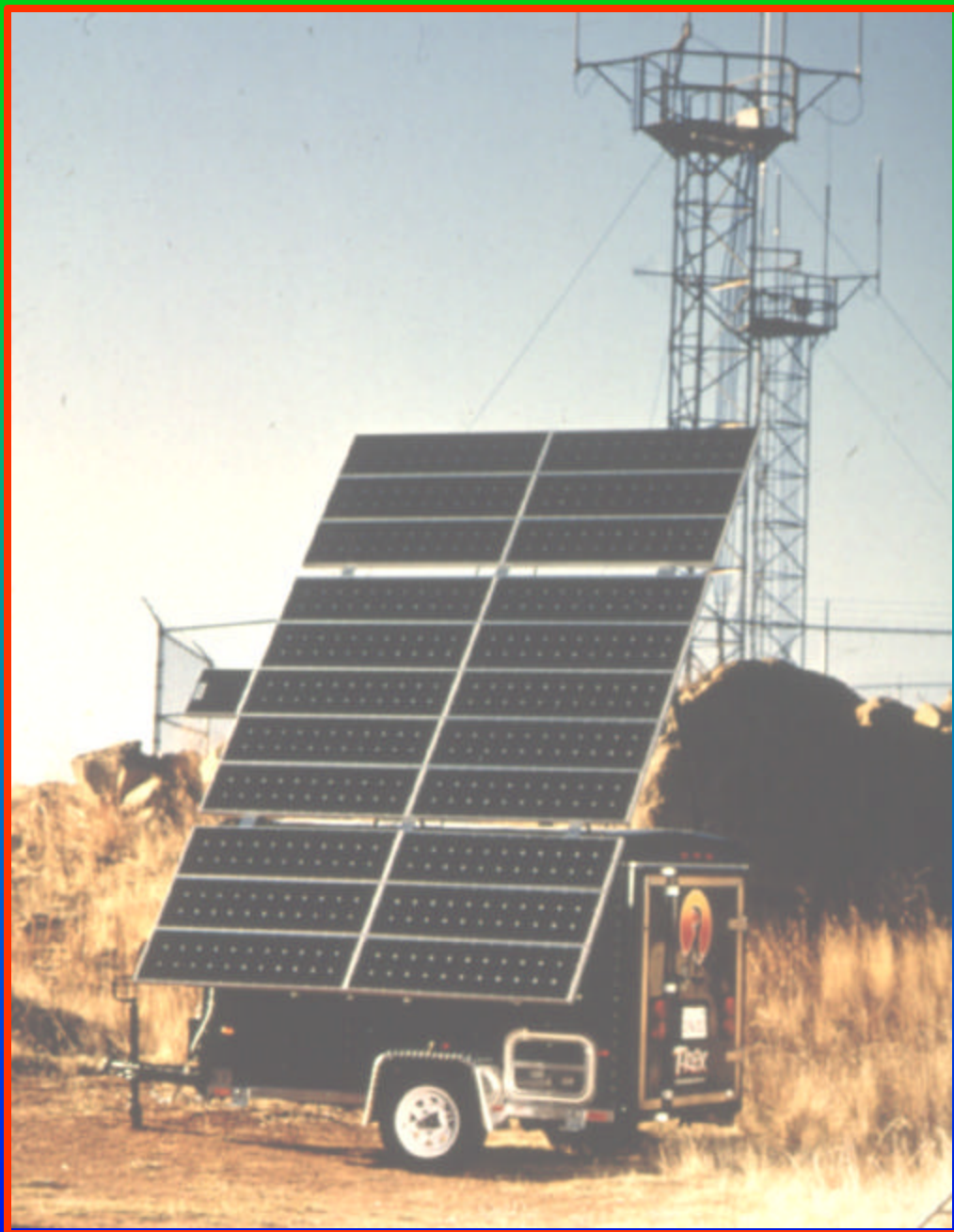




PV can help *prevent* disasters
as well as *respond* to them.









Green Buildings are Disaster-Resistant

Harmony Resort, St. Johns, Virgin Islands



- Green buildings show greater disaster-resistance.
- Renewable technologies provide heat and power when the grid disappears.

PV Systems are Disaster-Resistant



Before Hurricane Andrew, Picture facing N.E.

Before



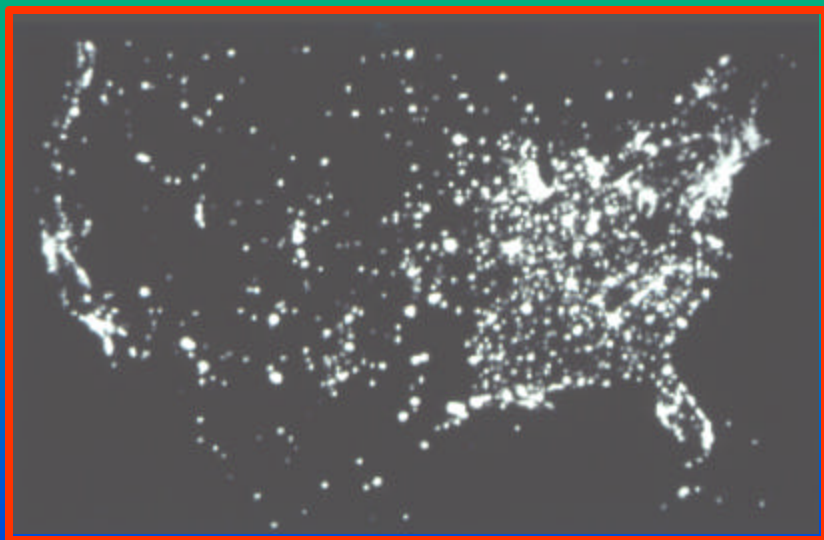
After Hurricane Andrew, Picture facing N.W.

After

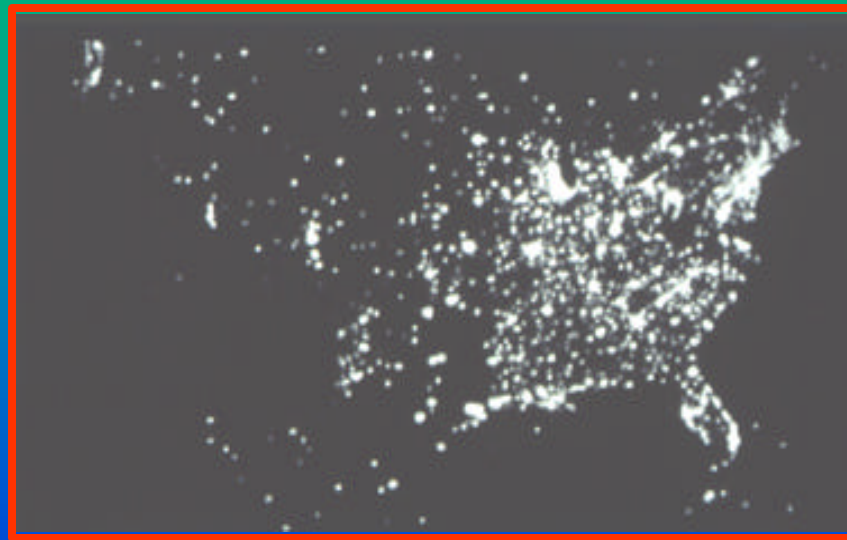
**What is
Value of Electricity
if you don't have any?**

Blackout! It Can Happen To You.

July 2, 1996

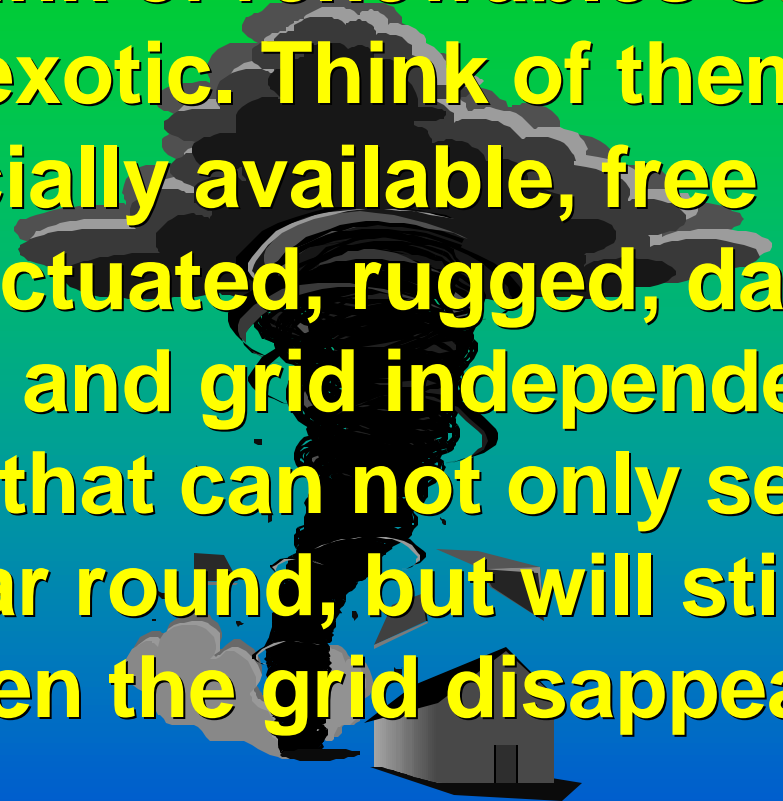


Before



After

**Do not think of renewables such as PV
as exotic. Think of them as
commercially available, free standing,
self-actuated, rugged, damage
resistant, and grid independent power
sources that can not only serve your
needs year round, but will still be there
when the grid disappears.**





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